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JPRS 132687

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WEUR - FINLAND
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FINNISH, per, Tilanne, Vol XXV, No 3, Feb 1964,
pp 61, 62, 80.

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Finnish Dissident Communist View of the Situation in
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FINNISH, per, Tilanne, No 6, Apr 1964,
pp 137-143.
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FINNISH, per, Tilanne, No 6, 1 Apr 64,
pp 147-152.

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Dissident Finnish Communist View on the
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FINNISH, per, Tilanne, No 6, 1 Apr 64,
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JPRS 27148

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Jan 65

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Contradictions in Communist Ideology, by Veikko
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pp 160-166
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Jan 65

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Statens Meteorologiska Centralanstalt och
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EIF 370075.

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Jul 61

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*Dept of Navy NCO Contract Trans 40

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*Dept of Navy NCO Contract Trans 39

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A Method of Spacing Timber, by E. Lehtinen, UNCL
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JPRS 13965

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REur - Czechoslovakia
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Education of Youth in the Armed Forces of Rumania,
by Ion Dinca, 5 pp.
RUMANIAN, per, Tinarul Leninist, No 8, 1964, pp 38-43.
JPRS 27034

EE-Rumania
Mil, Soc
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D. Fornelli.

ITALIAN, per, Tintoria, Vol II, 1954, pp 359-364
and 397-405.

CSIRO

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Cerini, Leonardo.
NON-FABRIC FABRICS. [1961] 8p.
Order from SLA \$1.10

61-14558

Trans. of Tintoria (Italy) 1954, v. 51, no. 11,
p. 406-408.

DESCRIPTORS: *Textiles, Synthetic fibers.

(Materials--Textiles, TT, v. 6, no. 1)

61-14558

I. Cerini, L.

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Office of Technical Services

The Application of "Procion" Dyes in the
Continuous Dyeing of Cellulose Staple Fibers on the
Fleissner Machine, by J. P. Brennan, 3 p.

ITALIAN, per, Tintoria, 1958, Vol LV, pp 237-238.

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Gozzo, K. and Hilgers, P.
CONTRIBUTION TO THE THEORY OF THE
FORMATION AND OF THE STRUCTURE OF HIGH
TENACITY VISCOSE FIBERS. [1961] [24]p. 24 refs.
Order from SLA \$2.60 61-16775

Trans. of Tinctoria (Italy) 1960, v. 57, no. 3, p. 89-96.

DESCRIPTORS: *Synthetic fibers, *Cellulose,
Rayon fibers, Processing, Mechanical properties.

An interpretation is presented of the action of the modifying agents, which are added to the viscose, in the manufacturing process of the "super-fibers". The following concept of a super-fiber structure is proposed. The crystallites of the super-fiber, due to the use of non-aged viscose and to the special conditions in which coagulation takes place, are composed of a lower number but, given the higher degree of polymerization of

(Materials--Textiles, TT, v. 6, no. 7) (over)

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Coated Fabrics of Synthetic Rubber-Neoprene,
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FRENCH, rpt, Tissus Enduits de Caoutchoucs
Synthetiques-Neoprene - Hypalon-Viton
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ID 2832004866

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Titanium Dioxide Crustallization Upon
Interaction of Titanium Tetrachloride with
Oxygen, by S. G. Moynov, V. A. Reznichenko, 12pp
ITALIAN, per, Titan i Ego Splavi, Vol 9, 1963,
pp 166-171
SIA TT-64-18549

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May 67

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SLA 57-2383

May 58

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DUTCH, ^WTNO Nieuws, Oct 1957, pp 511-515.

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2 Dec 1960, pp 396-405.

AEC SCL-T-350

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The Application of Gluconate Compounds in
Alkaline Solutions for Electrolytic Derusting
of Iron and Steel Without Using Current, by
M. J. Reidt, J. L. J. Tervoort.
DUTCH, per, TNO Nieuws, No 23, 1960, pp 9-23.
NLL Ref: 5809.95 (T.6090)

Sci-Phys
Mar 69

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The TNO Fiber Institute in 1962, 4 pp.

DUTCH, per, T.N.O. Nieuws, No 204, Feb 1963,
pp 95, 96.

*ACSI I-2511
ID ~~2235120~~ 2235120

M Sci - M/M
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B. Belderok, W.H.G. Wiebols, 17 pp.

DUTCH, per, TNO Nieuwa, No 209, Jul 1963,
pp 377-385.

ACSI I-3634-A
ID 2251707

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Sci - Engr
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7 pp.

DUTCH, per, TNO ⁹ Nieuws, No 20², Jul 1963,
pp 388-392. 96 9/295

ACSI I-3634-B
ID 2251707

Sci - Rngr
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DUTCH, per, TNO Nieuws, No 209, Jul 1963,
pp 394.

ACSI I-3634-C
ID 2251707

Sci - Engr
WEur - Netherlands
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DUTCH, per, TNO Nieuws, No 209, Jul 1963,
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Development Program for a Marine Reactor
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Aug 1963, Vol XVIII, No 8, pp 440-443.
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WE-Dutch
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Future Prospects of Various Reactor Types for
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DUTCH, per, TNO Nieuws, No 210, 18(8), Aug
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Nov 67

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Gas Permeability of Packaging, by H. J. Lelie, 8 pp.
DUTCH, per, TNO Nieuws, No 2, 1964, pp 94-98.
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ID 2204046964

Sci - Engr
WEur - Netherlands
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Jan 65

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The TNO Packaging Institute in 1963, *240*

DUTCH, per, TNO Nieuws, No 216, Feb 1964,
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ID 2204049364

Sci - Engr

WEur - Netherlands

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DUTCH, per, TNO-Nieuws, No 3, 1964.

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WEur - Netherlands
Econ
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TNO INSTITUTE FOR HEALTH TECHNOLOGY, 8 PP.

DUTCH, BK, TNO WEGWIJZER, THE HAGUE, DEC 1961,
PP 89-100.

JPRS 15179

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pp 28-30.

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EEor - Hungary
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Feb 22 1957 CTS/DEX

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1954, pp 12-16.

ATIC F-TS-8680/v

MEur - Hungary
Economic
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Let All Vote in the Union Elections, 4 pp.

PORTUGUESE, photostate, Todos as Eleicoes nos
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WSur - Portugal
Pol - Communist propaganda

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JPRS/NY-9350/SPECIAL

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Econ, Geog
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freezing method. 1. Basic considerations
on the separation of ice crystals from
mother liquor and some experimental results,
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JAPANESE, per, Tokyo Kogyo shikensho hokoku,
Vol 58, 1963, No 4, pp 187-197
NLL 5828.4F (11971)

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Sci - Gen & Phy Chem
Apr 67

Studies on saline water conversion by
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counter-current washing of ice crystals by
simulator, by R. Uchida, et al.
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Vol 59, 1964, No 1, pp 31-37
NLL 5828.4F (11970)

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Sci - Analytical Chem
Apr 67

Studies on saline water conversion by the
freezing method. Paper 4. Crystallisation
of ice crystals in sea water (1) Effects
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stirring velocity, by S. Kawasaki, et al.
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Vol 59, 1964, No 8, pp 388-395
NLL 5828.4F. (11993)

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Sci - Gen & Phy Chem
Apr 67

Studies on saline water conversion by the
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of ice crystals in sea water (2) Effects
of dissolved salts, by S. Kawasaki, et al.
JAPANESE, per, Tokyo kogyo shikensho hokoku,
Vol 60, 1965, No 4, pp 113-120
NLL 5828.4F (11994)

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Sci - Gen & Phy Chem
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Silicates, by W. Fulda, H. Günsberg.

GERMAN, per, Tonerde und Aluminium,
1951, pp 181-202.

CSIRO 4989

Sci - Chem
Mar 62

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The Melting and Volatilizing of Our So-Called
Heat-Resisting Materials, by O. Ruff,
O. Goetze, ~~XXX~~ 20 pp.

GERMAN, per, Tonind Ztg, Vol CXVIII, (1 p),
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SLA 2335

Sci - Minerals/Metals
Oct 57

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Nitzsche, H.
CEMENT RESEARCH IN GERMANY IN 1923 AND
1924. 10p 23refs.
Order from SLA \$1.10 TT-64-18293

Trans. from Tonindustrie-Zeitung (Germany) 1924,
[v. 48] no. 22.

re- TT-64-18293

1. Nitzsche, H.

(Materials, TT, v. 12, no. 7)

Balthasar, K.
MAGNESIA-PORTLAND CEMENT. [1963] 12p
Order from SLA \$1.60 TT-64-14335

Trans. from ~~Ton~~ ~~Industrie-Zeitung~~ (Germany) 1925
[v. 49] no. 19.

DESCRIPTORS: *Cements, *Magnesium compounds,
Processing, Chemical analysis,

(Materials, TT, v. 11, no. 9)

TT-64-14335

I. Balthasar, K.

Office of Technical Service

TT-64-14323

Guttman, A. and Gille, F.
A REFERENCE TABLE OF THE CONSTITUENTS OF
PORTLAND CEMENT CLINKER, AND THE HYDRA-
TION PRODUCTS OF HYDRAULIC MORTARS.
[Apr 28] [15p] 25refs
Order from SLA \$1.60

TT-64-14323

Trans. of Tonind[ustrie]-Zeitung (Germany) 1928,
v. 52, p. 418-421.

DESCRIPTORS: *Cements, Hydrates, Calcium com-
pounds, Silicates, Aluminates, Optical properties,
Crystal structure, Mortar,

(Materials, TT, v. 11, no. 9)

- I. Title: Clinker
- I. Guttman, A.
- II. Gille, F.

Office of Technical Services

Deterioration of Rotary Cement Clinker
during Prolonged Storage, by A. Spengel,
5 pp.

GERMAN, per, Tonindustrie-Zeitung, Vol XII,
No 97, 1 Dec 1928, pp 1939-1940.

SLA 57-3178

Sci

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Cement Problems - the Sudden Change of
Setting Time of Portland Cement, by K.
Wurmer.

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CSIRO 4124

Sci - Eng
Apr 62

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Treatment of a Ceramic Dielectric With Direct
Current at High Temperature, by W. Soyck,
4 pp.

GERMAN, per, Tonind Z, Vol ~~XXXXXX~~,
No 13-14, 1935, pp 234. LXXXVII,

SLA 57-2256

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Ferrari, F.
CONCERNING POZZOLANA CEMENTS CONTAINING
GYPSUM. [20 Jan 50] 8p 12refs
Order from SLA \$1.10

TT-64-14846

Trans. of Tonindustrie-Zeitung (Germany) 1935, v. 59,
no. 25, p. 316-317.

(Materials, TT, v. 11, no. 11)

TT-64-14846

1. Ferrari, F.

Office of Technical Services

A New Method For Determination Of Setting Time, by
S. Solacolu.

GERMAN, per, Tonindustrie Zeitung, Vol LXX, 1935,
pp 846-849.

CSIRO Tr 4123

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Dawihl, W., Flühsh, R., and May, K.
CONTRIBUTION TO THE KNOWLEDGE OF THE
SLAKING PROCESS OF CALCINED LIME. 4 Jan 36,
6p (figs omitted) 6refs
Order from SLA \$1.10

TT-64-14298

Trans. of Tonindustrie-Zeitung (Germany) 1936, v. 60,
no. 62, p. 761-763.

DESCRIPTORS: *Calcium compounds, *Hydroxides,
Oxides, Water, *Methanol, Solutions, *Particles,
Processing, Chemical reactions, Radiography.

(Chemistry--Physical, TT, v. 11, no. 10)

TT-64-14298

I. Dawihl, W.
II. Flühsh, R.
III. May, K.

Office of Technical Services

The Gypsum Problem, by B. Wandser, 29 pp.

GERMAN, per, Toninindustrie Zeitung, Vol LXI, No
3, 4, 5, 1936, pp 27-29, 40, 41, 51-53.

SIA Tr 818/1955

Sci - Min/Met

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Dust Control in the Refractory Materials
Industry, by W. Faust, 17 pp.

GERMAN, per, Tonind Z., Vol XXI, No 6, 7, Jan
21, 25, 1937, pp 59-61, 74-76.

SIA Tr 57-2170

Sci - Tech

Jul 58

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Damm.
EFFLORESCENCE OF BRICK MASONRY. [1960] 4p
(10 figs. omitted).
Order from SLA ml\$1.80, ph\$1.80 60-18582

Trans. of Tonindustrie-Zeitung (Germany) 1937
[v. 61, no. 39/40] p. 446-449.

148,450

60-18582

1. Brick--Chemical reactions
2. Mortar--Chemical reactions
1. Damm

Office of Technical Services

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Stational Tests on a Rotary Kiln, by Ernst Rook, 12 pp.

GERMAN, per, Industrie-Zeitung, Vol LXIV, 1940,
pp 47, 48, 55-57, 95.

S.I.A. Tr 1281

Sci - Engineering
Jan 57 OIS

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<p>Amos. MORTAR, BRICK (BUILDING STONE), AND MASONRY. [1945] 7p. (2 figs. omitted) 7 refs. Order from S.L.A. mi\$1.80, ph\$1.80</p>	<p>60-18715</p>
<p>Trans. of Tonindustrie-Zeitung (Germany) 1943, 8 Mar., p. 246-249.</p>	<p>1. Brick--Properties 2. Mortar--Properties 1. Amos</p>
<p>(Unannounced)</p>	<p>Office of Technical Services</p>

Staerker, Arno.
NEW KNOWLEDGE IN THE FIELD OF THE SUR-
FACE PROTECTION OF REFRACTORY BRICKS.
[Mar 52] 9p. (1 fig. omitted) 8 refs.
Order from SLA mif\$1.80, ph\$1.80 60-18692

Trans. of Tonindustrie-Zeltung (West Germany) 1951.
v. 75, no. 3/4, p. 33-36.

142,859

60-18692

1. Brick--Surfaces
2. Refractory materials--
Processing
1. Staerker, A.

Office of Technical Services

(Materials--Refractories, TT, v. 5, no. 2)

Water, Frost, and Frost Resistance of Natural
and Artificial Building Stones, by H. Reyer,
9 PP.

GERMAN, per, Tonindustrie Zeitung, Vol LXXV,
No 9/10, 1951, pp 135-136.

SLA 3382
S.L.A. Tr 426/1956

Sci - Geophysics
EEur - Germany
Econ - Construction
Jun 1956

Engineering
35,568

Influence of the Sand in the Manufacture
of Calcium Silicate Bricks, with Special
Reference to Large Size Blocks, by R.
Gunzelmann.

GERMAN, per Tonindustrie Zeitung, Vol. 36,
No. 15/16, 1952, pp 231-235
GB 334/T.3

Sci -
Aug 67

338-371

Szantho, Eugen von.
ELECTROSTATIC BENEFICIATION IN THE IN-
DUSTRY OF ROCKS AND EARTHS. [1963] 21p.
42 refs.

Order from SLA \$2.60

63-14603

Trans. of Tonindustrie-Zeitung (West Germany)
1953, v. 77, p. 83-88.

DESCRIPTORS: *Electrostatics, *Material separation,
Minerals, Electrical properties, Machines, Operation,
Costs.

The essential forces in the electric field which can
lead to a separation of material particles are discus-
sed. The separation processes developed from these
forces depend essentially on the different conductivity
and dielectric constants of the material particles and
also on the so-called pyroelectric effect of minerals.
(Earth Sciences--Mineralogy, TT, v. 10, no. 7)(over)

63-14603

1. Title: Beneficiation
2. Title: Electrostatic separation
1. Szantho, E. von

Office of Technical Services

Lehmann, Hans.

INFLUENCE OF ADHESION TENSION OF MOLTEN GLASS AGAINST REFRACTORY MATERIALS BY USE OF VANAL (Beeinflussung der Adhäsionsspannung von Geschmolzenem Glas gegen Feuerfestes Material Durch Vanal). [1962] [5]p. (foreign text included) 2 refs.

Order from SLA \$1.10

62-16471

Trans. of Tonindustrie-Zeitung (West Germany) 1955, v. 79, no. 1/2, p. 2-3.

DESCRIPTORS: *Adhesion, Adhesives, *Surface tension, *Glass, *Refractory coatings, Oxides, *Vanadium compounds.

(Materials--Ceramics, TT, v. 8, no. 8)

62-16471

1. Title: Vanal
1. Lehmann, H.

Office of Technical Services

Grindability Machine. Apparatus for the Investigation
of the Grinding Characteristics of Solids, by
Hans Lehmann, Ulrich Baese, 10 pp.

GERMAN, per, Tonindustrie-Zeitung, Vol ^L ~~CXXIX~~,
April 1955, pp 91-94.

S.L.A. Tr No 360/1955

Sci - Engineering
Jan 1957 CTS/dex

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Endell, T.
MIXING IN THE SANDLIME BRICK INDUSTRY.
Jul 61
Order from C. L. A. I. R. A. Laboratories, Church
Street, Welwyn, Herts, England f 3 CLAIRA T. 4

Trans. of Tonindustrie-Zeitung (West Germany) 1953,
v. 79, no. 11/12, p. 167-169.

DESCRIPTORS: Construction materials industry,
Mixtures, *Brick, *Calcium compounds, Oxides,
*Sand.

(Materials--Ceramics, TT, v. 11, no. 1)

TT-53-22902

- I. Endell, T.
- II. CLAIRA-T-4
- III. Chalk Lime and Allied
Industries Research
Association (Gr. Brit.)

Office of Technical Services

Tests of Cement Clinker in the Grindability Testing Machine, by Ulrich Haese, 6 pp.

GERMAN, per, Tonindustriezeitung, Vol LXXIX, Aug 1955, pp 239-241.

S.I.A. No 328/1956

Scientific - Engineering

34, 3/3

Gunzelmann, R.
AN INVESTIGATION OF THE EFFECT OF HARDEN-
ING-PRESSURE, HARDENING-TIME, AND LIME-
CONTENT IN THE MANUFACTURE OF SAND-LIME
BRICKS AT PRESSURES OF 8-40 ATMOSPHERES.

Jul 61

Order from C. L. A. I. R. A. Laboratories, Church
Street, Welwyn, Herts, England £5 CLAIRA T. 2

Trans. of Tonindustrie-Zeitung (West Germany) 1956,
v. 80, no. 1/2, p. 1-7.

DESCRIPTORS: *Brick, *Calcium compounds, Oxides,
*Sand, Hardening, Pressure, Time, Manufacturing
methods.

(Materials--Ceramics, TT, v. 11, no. 1)

TT-63-22900

- I. Gunzelmann, R.
- II. CLAIRA T-2
- III. Chalk Lime and Allied
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Association (Ct. Brit.)

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Influence of Mineral Composition on the Grinding
Resistance of Cement Clinker, by Gunther Ackmann,
Fritz Keil.

GERMAN, per, Tomindustrie Z., Vol LXXXI, 1957,
pp 1-5.

CSIRO

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Investigation of the Effect of Hardening-
Pressure, Hardening-Time, and Lime-Content
in the Manufacture of Sand-Lime Bricks
at Pressures of 8-40 Atmospheres, by
R. Gunzelmann

GERMAN, per Tonindustrie Zeitung, Vol. 80

No. 1/2, 1957, pp 1-7

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~~XXXXXXXX~~Contributions to the Knowledge of the
Reaction Products in Autoclave Mixtures of Powdered
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pp 325-332.

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The Behaviour of Basic Bricks in Reducing
Atmosphere and Their Behaviour as Regards
Carbon Monoxide Methane Disintegration, by
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1958, pp 38-41.

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SLA 61-74471, 759

Crushability Tester, by H. Lehmann, U. Haese.

GERMAN, per, Tomindustrie Zeitung,
Vol LXXIX, No 7/8, 1958, pp 91-94.

CSIRO (B 105

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Automation in the Sandlime Brick Industry,
by H. Gunzelmann. USCL

GERMAN, per, Tonindustr Z, Vol LXXXII, No 16,
1958, pp 361-368.

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Ch. of St. - (Widening, Herts, Eng.)

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Klasse, F. and Bosch, H.
RAPID ANALYSIS OF RAW MATERIALS AND INDUSTRIAL PRODUCTS BELONGING TO THE GENERAL SILICIC ACID-ALUMINA SYSTEM. [1961] 8p.
Order from ATS \$11.95 ATS-18N55G

Trans. of Tonind[ustrie]-Z[ei]t[un]g (West Germany)
1959, v. 83, no. 2, p. 30-33.

DESCRIPTORS: *Chemical analysis, *Silicic acids,
Oxides, *Industrial production, *Aluminum compounds.

(Machinery--Manufacturing, TT, v. 7, no. 2)

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I. Klasse, F.
II. Bosch, H.
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Lehmann, Hans and Datz, Hubert.
INFRA-RED SPECTROSCOPY AND AN AID FOR THE
DETERMINATION OF THE MINERALOGICAL CON-
TENT AND NEW MINERAL FORMATION IN RAW
MATERIALS AND FINISHED PRODUCTS OF THE
ROCK AND EARTH INDUSTRY (Die Ultrarotspek-
troskopie als Hilfsmittel zur Bestimmung des
Mineralbestandes und der Mineralneubildung in Roh- und
Werkstoffen der Steine- und Erden-Industrie). [1962]
[75]p. (foreign text included) 70 refs.
Order from SLA \$7.60

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Trans. of Tonindustrie-Zeitung (West Germany) 1959,
v. 83, no. 10, p. 219-238.

DESCRIPTORS: *Infrared spectroscopy, *Minerals,
Rock (Geology), *Silicates, *Cements, *Clay minerals,
Soils, Materials, Hardening, Spectrographic analysis.

(Earth Sciences--Geology, TT, v. 9, no. 11)

I. Lehmann, H.
II. Datz, H.

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Lohre, Wilhelm.

STUDIES TO DETERMINE THE PORE SIZE DISTRIBUTION IN REFRACTORY PRODUCTS. Jan 60.

Order from MT 67

MT Trans-07

Trans. of Tonindustrie-Zeitung (West Germany) 1959, v. 83, no. 14, p. 334-341.

DESCRIPTORS: *Refractory materials, Porosity, Determination.

61-22844

I. Lohre, W.
II. MT Trans-07
III. Tollemache, M. de O.
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(Materials--Refractories, TT, v. 6, no. 5)

Investigations on the Binder of Sand Lime
Bricks, by K. Buchler.

GERMAN, per, Tonindustrie-Zeitung,
Vol LXXXIII, No 16, 1959, pp 377-387.

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Sci - Engr
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Behaviour of Forsterite, Magnesite and Chroms-
Magnesite Bricks Under Reducing Conditions
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BIBI 3231

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Sci - M/M
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Investigations by Means of Radio-Active Tracers
Into the Part Played by Erosion of Casting-Pit
Refractories of a Certain Quality in the Con-
tamination of a Structural Alloy Steel, by R.
Schröter.

GERMAN, per, Technische Industrie Zeitung, Vol LXXXIII,
1959, pp 543.

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Sci - Min/Met
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HIGH TEMPERATURES. Abridged rept. [1961] 8p.
15 refs.
Order from SLA md\$1.80, pb\$1.80 61-10794

Trans. of Tonindustrie-Zeitung (West Germany) 1960,
v. 84, no. 17 [p. 414-417].

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(Materials, TT, v. 5, no. 9)

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properties
1. Lehmann, H.
H. Mülzig, G.

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ELECTRON MICROSCOPE AND THERMOCHEMICAL
STUDIES OF THE HYDRATION OF CALCIUM SILI-
CATES $3\text{CaO} \cdot \text{SiO}_2$ AND $\beta\text{-}2\text{CaO} \cdot \text{SiO}_2$ AND THE EF-
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30 refs. omitted) 3 refs.
Order from SLA \$4.60

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Trans. of Tonindustrie-Zeitung (West Germany) 1960,
v. 84, no. 24, p. 585-598.

DESCRIPTORS: *Cements, *Calcium compounds, *Sil-
icates, Chlorides, *Gypsum, Hydrides, Hydrogen ion
concentration, Microstructure, Electron microscopy,
*Thermochemistry.

(Chemistry--Physical, TT, v. 9, no. 1)

I. Kurczyk, H. G.
II. Schwiete, H. E.

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The Slag Resistance of Refractories, by H. F.
Reich, J. D. Panda.

GERMAN, per, Tonindustriezeitung, Vol LXXXV,
1961, p 186.

B. Ceram. R.A.

Sci -
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Reisner, Wolfgang.
MOVEMENT PROCESSES IN LOOSE MATERIAL ON
FLOWING FROM A BUNKER (Bewegungsvorgänge im
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[13]p. (foreign text included) 11 refs.
Order from SLA \$1.60

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Trans. of Tonind[ustrie]-Z[eit]ung (West Germany)
1962, v. 86, no. 6, p. 138-141.

DESCRIPTORS: Materials, *Calcite, *Storage,
*Containers, Particles, Motion, Photography.

(Materials, TT, v. 9, no. 12)

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1. Title: Bunkers
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Office of Technical Services

Bartholomä, H. D.
COMPLEXOMETRIC TITRATION OF CEMENTS
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Trans. of Tonindustrie-Zeitung (West Germany) 1962,
v. 86, no. 10, p. 234-236.

(Chemistry--Analytical, TT, v. 11, no. 12)

TT-64-10175

I. Bartholomä, H. D.

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BRICKS AT VARIOUS TEMPERATURES IN A RE-
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Order from BGIRA

BGIRA-553

Trans. of Tonindustrie-Zeitung (West Germany)
1962, v. 86, no. 20, p. 497-504.

DESCRIPTORS: Slags, *Brick, Temperature,
Furnaces.

(Materials--Refractories, TT, v. 10, no. 3)

63-17415

1. Title: Checkers
2. Title: Regenerators
- I. Schmid, O.
- II. Gliemeroth, G.
- III. BGIRA-553
- IV. British Glass Industry
Research Association

Office of Technical Services

Investigations on the Solubility of
Sulphur in Furnace Slags (System
 $\text{CaO-Al}_2\text{O}_3\text{-SiO}_2$), by H. Slage.
GERMAN, per, Tonind. Zeit. Keram.
Rund. Vol 86, No (22/23), Dec 1962,
pp 586-589.
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INVESTIGATION OF RAW MATERIALS BY MEANS
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15p. 10 refs.
Order from SLA \$1.60

63-16983

Trans. of Tonindustrie-Zeitung (West Germany) 1962,
v. 86, no. 24, pp. 606-612.

DESCRIPTORS: *Construction materials industry,
*Cements, *Brick, *Ceramic materials, Limestone,
Thermal expansion, *Calorimetry

The method and procedure used at the Institute for
Bricks and Clay of the Clausthal Mining Academy in
their development of a combined DTA/DS apparatus are
described and recommendations are given for the im-
provement of this apparatus and for the interpretation
of the results. The method was first used for structural
raw materials and ceramic masses and, later, on
(Materials--Ceramics, TT, v. 10, no. 11) (over)

63-16983

1. Title: Dilatometric
method

I. Lehmann, H.
II. Thormann, P.

Office of Technical Services